

**DECLARATION AND POWER OF ATTORNEY**In re Application of: **Gerry Glancy Hull, Steven Treece Tom, and Raynold Lee Saar**

As a below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names. We believe we are the original, first and sole inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SLOPE PREDICTIVE CONTROL AND DIGITAL PID CONTROL FOR A VARIABLE TEMPERATURE CONTROL SYSTEM,**" the specification of which:

☐ is attached hereto.☒ was filed on **March 19, 2004**, as Application No. **10/804,278**

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. We do not know and do not believe that the same was ever known or used by others in the United States of America before our invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to the date of this application. We further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. We *understand that we have a duty of candor and good faith toward the Patent and Trademark Office*, and we acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Application No.	Country	Filing Date	Priority Claimed Under 35 USC §119	
			YES	NO

We hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Application No.	Country	Filing Date	Priority Claimed Under 35 USC §119	
			YES	NO
60/203,229	USA	May 5, 2000	X	

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

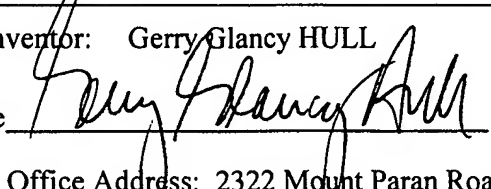
Application No.	Country	Filing Date	Status: Patented, Pending, Abandoned
6,554,198 B1	USA	May 7, 2001	Patented
6,715,690 B2	USA	April 28, 2003	Patented

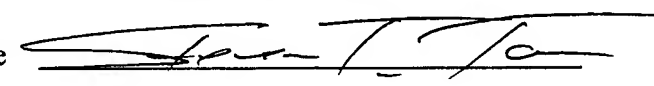
We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

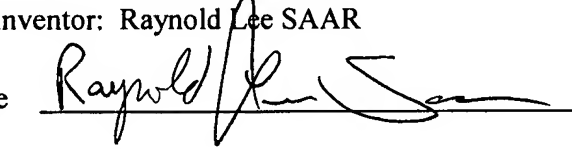
**POWER OF ATTORNEY:** The following attorneys are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter G. Pappas – Reg. No. 33,205; Daniel J. Warren – Reg. No. 34,272; William L. Warren – Reg. No. 36,714; Malvern U. Griffin III – Reg. No. 38,899; Robert A. Lester – Reg. No. 24,004; Jerry C. Liu – Reg. No. 47,754; Kevin W. King – Reg. No. 42,737; John D. Hamann - Reg. No. 45,527; Mark E. Henderson - Reg. No. 51,144; William R. Silverio - Reg. No. 45,383; Charlena L. Thorpe Reg. No. 48,035; Russell A. Korn - Reg. No. 54,236; Elizabeth Cary Miller - Reg. No. 54,708; Kathryn H. Wade - Reg. No. 54,682; Michael I. Krause – Reg. No. 53,157; Ralph E. Gaskins, Jr. – Reg. 50,136; Hoang M. Vo - Reg. No. 47,158; William F. Long - Reg. No. 51,967.

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Inventor's signature 	Date: <u>8-2-2004</u>
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